



Philips  
TV with Crystal Clear

21"  
real flat

2IPT6456



## Turn up your viewing experience

This 21" Real Flat TV delivers a high contrast, non-distorted and life-like picture with Incredible Surround sound that's well dispersed via two on-board speakers.

### Tuned for optimal picture quality

- Real Flat picture tube technology brings you lifelike images
- Crystal Clear improves picture depth
- Active Control optimizes picture quality whatever the source

### Exciting and lifelike sound

- Incredible Surround™ for enhanced audio enjoyment

### Designed for your convenience

- Enjoy natural full-screen images expanded on a 4:3 screen
- Smart Picture and Smart Sound to personalize your viewing
- Signal Strength Indicator indicates how strong the signal is

### For advanced performance

- Component Video Input for top quality playback

**PHILIPS**  
sense and simplicity

## Specifications

### Picture/Display

- **Aspect ratio:** 4:3
- **Diagonal screen size:** 21 inch / 53 cm
- **Visible diagonal screen size:** 51 cm
- **Display screen type:** Real Flat picture tube
- **Picture enhancement:** Active Control, Color Temperature Adjustment, Crystal Clear
- **Picture processing:** 50 Hz, 60Hz Analog

### Sound

- **Output power (RMS):** 2 x 3W
- **Sound Enhancement:** Auto Volume Leveller, Ultra Bass
- **Sound System:** Incredible Surround, Stereo, SAP

### Loudspeakers

- **Built-in speakers:** 2

### Convenience

- **Ease of Use:** Auto Volume Leveller (AVL), Smart Picture, Smart Sound
- **Remote control type:** RCLB014
- **Teletext:** Closed Captioning
- **Screen Format Adjustments:** 4:3, 4:3 expand
- **Clock:** On/Off event timer, Sleep Timer
- **On-Screen Display languages:** English, Spanish,

- Portuguese
- **Signal strength indication**

### Tuner/Reception/Transmission

- **TV system:** NTSC, PAL N, PAL M
- **Video Playback:** NTSC, PAL (all versions)
- **Aerial Input:** 75 ohm F-type
- **Tuner Display:** PLL

### Connectivity

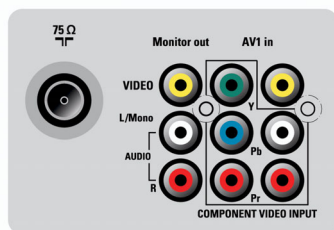
- **Other connections:** AV out
- **AV I:** Audio L/R in, CVBS in, Component Video in

### Power

- **Power consumption:** 50 W
- **Standby power consumption:** < 1 W
- **Mains power:** AC 100-250V, 50/60Hz

### Dimensions

- **Set dimensions (W x H x D):** 594 x 458 x 486 mm
- **Product weight:** 21.6 kg
- **Weight incl. Packaging:** 25 kg
- **Box dimensions (W x H x D):** 661 x 523 x 547 mm
- **Color cabinet:** Silver Frost & Black



## Product highlights

### Real Flat picture tube

The flatter tube provides a wider viewing angle while minimizing reflections for the best picture possible.

### Crystal Clear

Combining picture enhancements like Contrast plus and color improvement, Crystal Clear improves picture depth.

### Active Control

Active Control ensure that noise and sharpness improvements are continuously made at a rate of 60 times per second. By continually adjusting picture setting over 3,000 times per minute, Active Control Plus ensures that the viewing experience is optimized.

### Incredible Surround™

Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround allows you to experience total surround with greater depth and width of sound, without the use of additional speakers.

### 4x3 Expand

4x3 Expand enables widescreen movies to be viewed on a 4:3 aspect ratio TV screen by removing the black bars at the top and bottom of the image. You are able to watch full-screen movies without compromising on picture quality and resolution.

### Smart Picture and Smart Sound

Philips preset modes for Smart Picture and Smart Sound provide you with direct access via a single key on the remote control. You can select optimized picture and sound settings for the various picture and sound modes.

### Signal Strength Indicator

The signal strength indicator displays signal strength when you change the channel, and continuously tracks and updates the incoming signal strength.

### Component Video Input (YPbPr)

Component Video is the highest quality interconnection standard for analog video. It is sharper than S-video and composite video.

